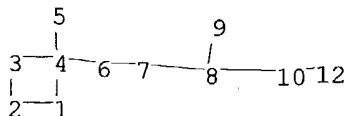
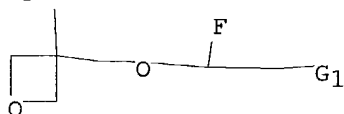


>  
Uploading C:\Program Files\Stnexp\Queries\10713051.str



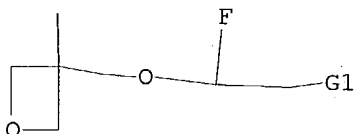
```
chain nodes :
5 6 7 8 9 10 12
ring nodes :
1 2 3 4
chain bonds :
4-5 4-6 6-7 7-8 8-9 8-10 10-12
ring bonds :
1-2 1-4 2-3 3-4
exact/norm bonds :
1-2 1-4 2-3 3-4 6-7 7-8 10-12
exact bonds :
4-5 4-6 8-9 8-10
```

G1:C,F,CF2,CF3

Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS  
10:CLASS  
12:CLASS

L1 STRUCTURE UPLOADED

=> d  
L1 HAS NO ANSWERS  
L1 STR



G1 C,F,CF2,CF3

Structure attributes must be viewed using STN Express query preparation.

=> s l1 full  
FULL SEARCH INITIATED 17:53:18 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 43 TO ITERATE

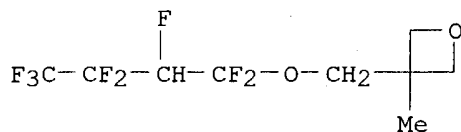
100.0% PROCESSED 43 ITERATIONS 15 ANSWERS  
SEARCH TIME: 00.00.01

L2 15 SEA SSS FUL L1

=> d 12 1-15

L2 ANSWER 1 OF 15 REGISTRY COPYRIGHT 2004 ACS on STN

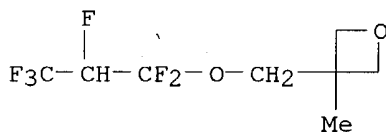
RN 364765-57-1 REGISTRY  
 CN Oxetane, 3-methyl-3-[(1,1,2,3,3,4,4,4-octafluorobutoxy)methyl]- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C9 H10 F8 O2  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT, USPAT2, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

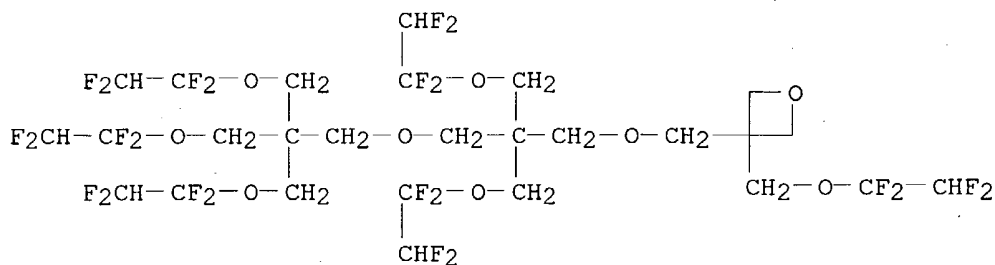
L2 ANSWER 2 OF 15 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 364765-56-0 REGISTRY  
 CN Oxetane, 3-[(1,1,2,3,3,3-hexafluoropropoxy)methyl]-3-methyl- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C8 H10 F6 O2  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT, USPAT2, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 3 OF 15 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 201354-60-1 REGISTRY  
 CN Oxetane, 3-[[3-[3-(1,1,2,2-tetrafluoroethoxy)-2,2-bis[(1,1,2,2-tetrafluoroethoxy)methyl]propoxy]-2,2-bis[(1,1,2,2-tetrafluoroethoxy)methyl]propoxy)methyl]-3-[(1,1,2,2-tetrafluoroethoxy)methyl]- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C27 H30 F24 O9  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

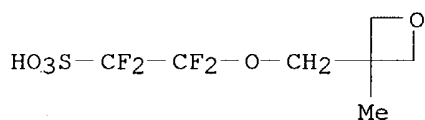
L2 ANSWER 4 OF 15 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 181015-68-9 REGISTRY  
 CN Ethanesulfonic acid, 1,1,2,2-tetrafluoro-2-[(3-methyl-3-oxetanyl)methoxy]-  
 , lithium salt, homopolymer (9CI) (CA INDEX NAME)  
 MF (C7 H10 F4 O5 S . Li)x  
 CI PMS  
 PCT Polyether, Polyether formed  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL

\*\*RELATED POLYMERS AVAILABLE WITH POLYLINK\*\*

CM 1

CRN 181015-67-8

CMF C7 H10 F4 O5 S . Li

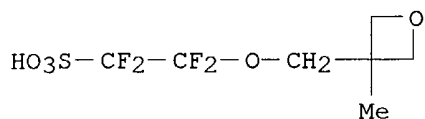


● Li

1 REFERENCES IN FILE CA (1907 TO DATE)

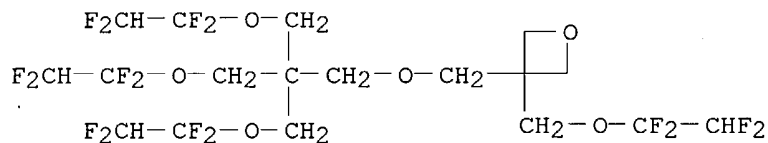
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 5 OF 15 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 181015-67-8 REGISTRY  
 CN Ethanesulfonic acid, 1,1,2,2-tetrafluoro-2-[(3-methyl-3-oxetanyl)methoxy]-  
 , lithium salt (9CI) (CA INDEX NAME)  
 MF C7 H10 F4 O5 S . Li  
 CI COM  
 SR CA



● Li.

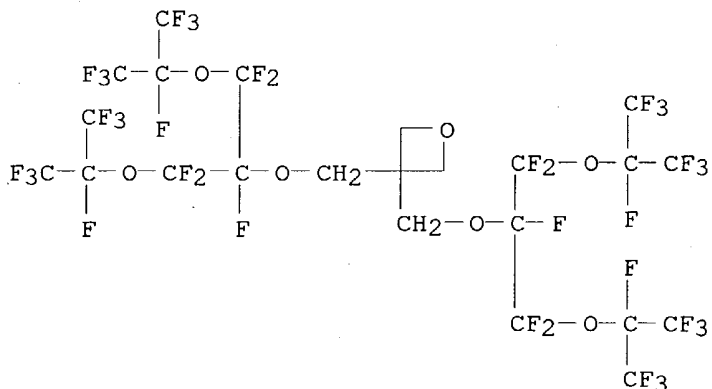
L2 ANSWER 6 OF 15 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 173955-67-4 REGISTRY  
 CN Oxetane, 3-[[3-(1,1,2,2-tetrafluoroethoxy)-2,2-bis[(1,1,2,2-tetrafluoroethoxy)methyl]propoxy]methyl]-3-[(1,1,2,2-tetrafluoroethoxy)methyl]- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C18 H20 F16 O6  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

7 REFERENCES IN FILE CA (1907 TO DATE)  
 7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 7 OF 15 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 64457-57-4 REGISTRY  
 CN Oxetane, 3,3-bis[[1-[difluoro[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]methyl]-1,2,2-trifluoro-2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]ethoxy]methyl]- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C23 H8 F38 O7  
 LC STN Files: CA, CAPLUS



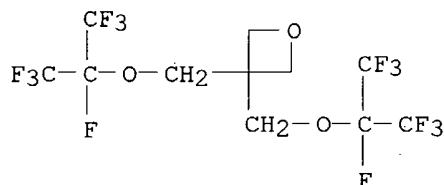
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 8 OF 15 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 37452-09-8 REGISTRY  
CN Oxetane, 3,3-bis[[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]methyl]-, polymer with 2,3-bis[[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]methyl]oxirane (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Oxirane, 2,3-bis[[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]methyl]-, polymer with 3,3-bis[[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]methyl]oxetane (9CI)  
OTHER NAMES:  
CN 3,3-Bis(heptafluoroisopropoxymethyl)oxetane-1,4-bis(heptafluoroisopropoxy)-2,3-epoxybutane copolymer  
CN 3,3-Bis(heptafluoroisopropoxymethyl)oxetane-1,4-bis(heptafluoroisopropoxy)-2,3-epoxybutane polymer  
MF (C11 H8 F14 O3 . C10 H6 F14 O3)x  
CI PMS  
PCT Polyether, Polyether formed  
LC STN Files: CA, CAPLUS

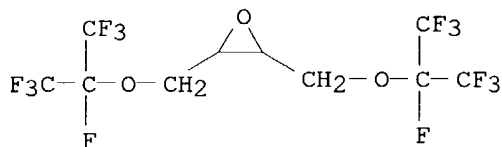
CM 1

CRN 37111-23-2  
CMF C11 H8 F14 O3



CM 2

CRN 29913-45-9  
CMF C10 H6 F14 O3



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 9 OF 15 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 37165-09-6 REGISTRY

CN Oxetane, 3,3-bis[[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]methyl]-, homopolymer (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Poly[3,3-bis(heptafluoroisopropoxymethyl)oxetane]

MF (C11 H8 F14 O3)x

CI PMS

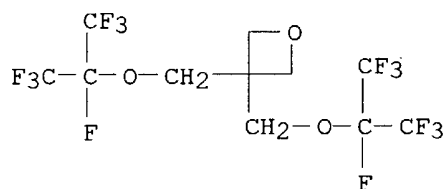
PCT Polyether, Polyether formed

LC STN Files: CA, CAPLUS

CM 1

CRN 37111-23-2

CMF C11 H8 F14 O3



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 10 OF 15 REGISTRY COPYRIGHT 2004 ACS on STN

RN 37111-23-2 REGISTRY

CN Oxetane, 3,3-bis[[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]methyl]- (9CI) (CA INDEX NAME)

OTHER NAMES:

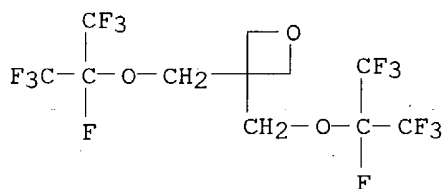
CN 3,3-Bis[(heptafluoroisopropoxy)methyl]oxetane

FS 3D CONCORD

MF C11 H8 F14 O3

CI COM

LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 11 OF 15 REGISTRY COPYRIGHT 2004 ACS on STN

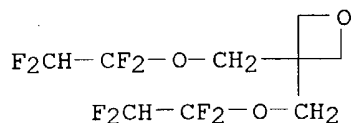
RN 5180-64-3 REGISTRY

CN Oxetane, 3,3-bis[(1,1,2,2-tetrafluoroethoxy)methyl]- (7CI, 8CI, 9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C9 H10 F8 O3

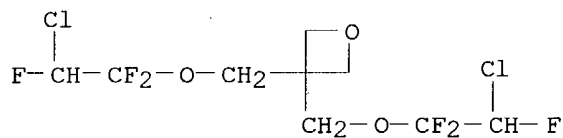
LC STN Files: CA, CAOLD, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

6 REFERENCES IN FILE CA (1907 TO DATE)  
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

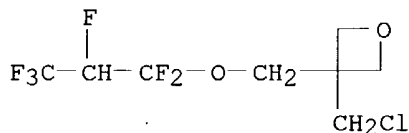
L2 ANSWER 12 OF 15 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 5069-12-5 REGISTRY  
CN Oxetane, 3,3-bis[(2-chloro-1,1,2-trifluoroethoxy)methyl]- (7CI, 8CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C9 H10 Cl2 F6 O3  
LC STN Files: CA, CAOLD, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 13 OF 15 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 5069-11-4 REGISTRY  
CN Oxetane, 3-(chloromethyl)-3-[(1,1,2,3,3,3-hexafluoropropoxy)methyl]- (7CI, 8CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C8 H9 Cl F6 O2  
LC STN Files: CA, CAOLD, CAPLUS

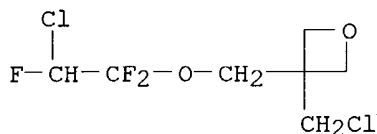


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

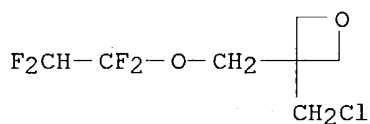
L2 ANSWER 14 OF 15 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 5069-10-3 REGISTRY  
CN Oxetane, 3-(chloromethyl)-3-[(2-chloro-1,1,2-trifluoroethoxy)methyl]-  
(7CI, 8CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C7 H9 Cl2 F3 O2  
LC STN Files: CA, CAOLD, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 15 OF 15 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 5069-09-0 REGISTRY  
CN Oxetane, 3-(chloromethyl)-3-[(1,1,2,2-tetrafluoroethoxy)methyl]- (7CI,  
8CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C7 H9 Cl F4 O2  
LC STN Files: CA, CAOLD, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s 364765-57-1/rn  
L3 1 364765-57-1/RN

=> file caplus  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
183.23	183.88

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 17:55:13 ON 22 APR 2004  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.